

Converting Colors

Decimal(5988906)

Have a look what the booklet for
Decimal(5988906) contains.

Decimal(5988906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5988906)

Conversions

Conversions Part 1

Format	Color
Hex	5B622A
RGB	91, 98, 42
RGB Percent	36%, 38%, 16%
CMY	0.6431, 0.6157, 0.8353
CMYK	0.07, 0.00, 0.57, 0.62
HSL	68°, 40%, 27%
HSV	68°, 57%, 38%
XYZ	9.1000, 11.1267, 3.8585
YIQ	89.5230, 13.8040, -18.9000

Conversions

Conversions Part 2

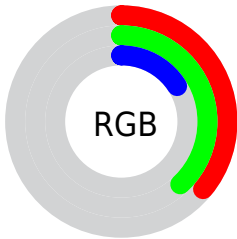
Format	Color
R_{YB}	42, 98, 49
Decimal	5988906
CIE _{Lab}	39.79, -11.75, 30.50
CIE _{LCh}	40, 32.687, 111.067
Yxy	11.1267, 0.3778, 0.4620
Android (android.graphics.Color)	4284178986 (0xFF5B622A)
YUV	89.5230, -23.4288, 1.2953
Hunter-Lab	33.3567, -9.6779, 16.4913

Details

The Decimal color **5988906** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3222114**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9409881**, and **2896896** is the 20% darker color. If you saturate the color by 10%, you get **5923360**, and if you desaturate by 10%, it is **6054452**.

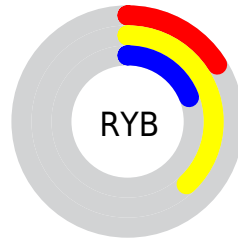
Distribution



 Red (36%)

 Green (38%)

 Blue (16%)



 Red (16%)

 Yellow (38%)

 Blue (19%)

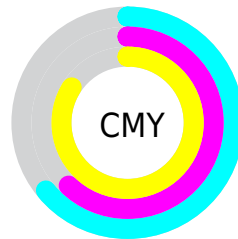


 Cyan (7%)

 Magenta (0%)

 Yellow (57%)

 Black (62%)



 Cyan (64%)

 Magenta (62%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5988906 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5988906 by changing the saturation by 10% instead.

■ 5988906

■ 5988906

16777215

■ 4409875

■ 9409881

■ 2896896

■ 11120498

■ 1318656

■ 12962700

■ 0

■ 14804903

■ 16711618

■ 16777183

■ 16777211

■ 5988906

■ 5988906

■ 5923360

■ 6054452

■ 5857814

■ 6119998

■ 5726733

■ 6251079

■ 5661187

■ 6316625

■ 5661184

■ 6382171

■ 6447717

■ 6578799

■ 6644344

■ 6709890

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7625256



5988906



3958843

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5988906



27015



9128039

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5988906



3222114

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7819136



5988906



1270674

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5988906



27504



5462671



9455692

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5988906



1993292



5462671



8800880

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5988906



8224874



6435114



4079667



12566463



4210752

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5988906



7700520



4153898



3158060



6451200



13824000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3222114



3352704



5057122



2894896



917616



1966320

Previews

White Background



This preview shows how the Decimal color 5988906 looks on a white background.

Color Contrast Check

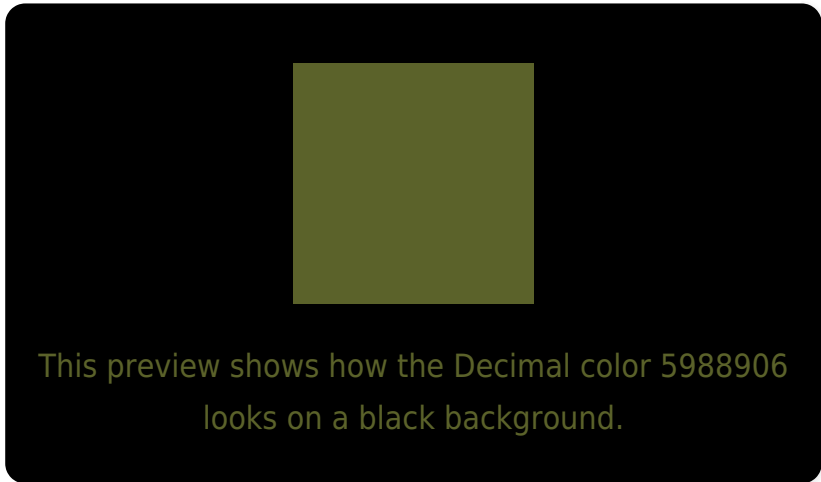
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

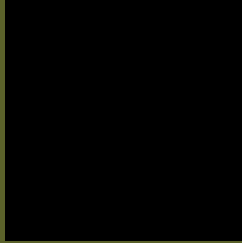
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5988906 Background



This preview shows how black text looks on a background with the Decimal color 5988906.



This preview shows how white text looks on a background with the Decimal color 5988906.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
5988906

Protanopia
6839849

Deuteranopia
7625004



Tritanopia
6380643

Trichromacy



Original Color
5988906

Protanomaly
6512425

Deuteranomaly
7035947

Tritanomaly
6250062

Monochromacy



Original Color
5988906

Achromatopsia
5921370

Achromatomaly
5922121

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5988906 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5B622A looks like.

```
.text, #text, p{  
  color:#5B622A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5B622A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B622A
}
```

Border

The CSS property to change the border of an element to Decimal 5988906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B622A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5B622A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5B622A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B622A; -webkit-box-shadow:4px 4px  
4px 4px #5B622A; box-shadow:4px 4px 4px  
4px #5B622A }
```

Background

The CSS property to change the background color of an element to Decimal 5988906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B622A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5B622A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor